WARNGEN VTEC OT&E INSTRUCTIONS   8/26/04

1. INTRODUCTION

The following are WarnGen instructions for turning on VTEC to produce
EXPERIMENTAL or TEST WarnGen products during the VTEC OT&E. These
instructions are the same for AWIPS Release OB3.3 and OB4.

"EXPERIMENTAL" VTEC products are issued for normal operational products during
the OT&E period. "TEST" VTEC products are issued for various non-operational
products during test scenarios. "EXPERIMENTAL" products have a VTEC product
status code (k code) of "X"; the "T" code is used for "TEST" products.

"EXPERIMENTAL" VTEC mode is controlled by a WarnGen configuration file (see
parts 2 and 3 below). "TEST" VTEC mode is controlled by D2D (see parts 4 and 5
below).

It is very important that all templates that generate SVR, TOR, FFW or SMW (and their
associated WarnGen followup products SVS, FFS and MWS) have already been tested
off line against the WarnGen QC with VTEC activated. Step by step instructions for this
are in Appendix Three of the document "OB3.3 WarnGen WFO Implementation
Instructions" located at:

> http://www.ops1.nws.noaa.gov/awips_install.htm

2. TURN ON WARNGEN EXPERIMENTAL VTEC FOR ALL WORKSTATIONS

1)   Make sure that no workstations have any versions of the file
        /awips/fxa/data/localizationDataSets/LLL/warnGenVTEC.mode (where LLL
        is the site ID). On any workstation that has this file, do the following:

        a. Open an xterm window on the workstation and become user "fxa"
        b. **cd /awips/fxa/data/localizationDataSets/LLL** (where LLL is the site ID)
        c. **rm warnGenVTEC.mode**

2)   The following will turn on EXPERIMENTAL WarnGen VTEC for all
        workstations. No restarting of D2D nor WarnGen is needed:

        a. Open an xterm window on any workstation and become user "fxa"
        b. **cd /data/fxa/nationalData**
        c. **echo EXP > warnGenVTEC.mode**

Now WarnGen will create operational products with an EXPERIMENTAL VTEC.
Please continue using WarnGen as normal.

If the WarnGen setting is desired for only one workstation, the warnGenVTEC.mode file can be created on the workstation in file /awips/fxa/data/localizationDataSets/LLL.

3. TURN OFF WARNGEN VTEC FOR ALL WORKSTATIONS

If there is a problem, VTEC may need to be turned off. The following will turn off WarnGen VTEC for all workstations. No restarting of D2D nor WarnGen is needed:

    a. Open an xterm window on any workstation and become user "fxa."
    b. **cd /data/fxa/nationalData**
    c. **echo OFF > warnGenVTEC.mode**

Now VTEC is turned OFF for all WarnGen products.

If the WarnGen setting is desired for only one workstation, the warnGenVTEC.mode file can be created on the workstation in file /awips/fxa/data/localizationDataSets/LLL.

4. TURN ON WARNGEN TEST VTEC FOR ONE WORKSTATION

The file warnGenVTEC.mode **cannot** be used to set "TEST" mode. This method overrides any setting in the warnGenVTEC.mode file. No restarting of D2D nor WarnGen is needed:

    a. In the bottom right corner of D2D, click on the system clock.
    b. In the Set Time window, select "Set Time" and deselect "Freeze Time."
    c. Set clock back five minutes (five minutes earlier).
    d. Click "OK"

Now WarnGen will produce TEST VTEC products. **Before transmitting these products, use the AWIPS text editor to be sure that the words "TEST" are included in the MND and in the body of the product.**

5. TURN OFF WARNGEN TEST VTEC FOR ONE WORKSTATION

The file warnGenVTEC.mode **cannot** be used to set "TEST" mode. This method overrides any setting in the warnGenVTEC.mode file. No restarting of D2D nor WarnGen is needed:

    a. In the bottom right corner of D2D, click on the system clock.
    b. In the Set Time window, ensure that "Use current real time" is selected.
    c. Click "OK"

Now WarnGen will produce VTEC products according to the setting in the file warnGenVTEC.mode. **Before resuming operational use of the workstation, be sure that the VTEC TEST mode is turned OFF.**